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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): OHTAKA

Serial No.: 10/673,338

Filed: September 30, 2003

Title: **PASSENGER DETECTING  
APPARATUS FOR VEHICLE**



Atty. Dkt.: 11-196

Group Art Unit: 2636

Examiner: PREVIL, Daniel

Patent No.: 6,937,143 B2

Issued: August 30, 2005

Commissioner for Patents  
Arlington, VA 22202  
Mail Stop: Certificate of Corrections

Date: April 18, 2006

**Certificate**

APR 20 2006

**of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION**

Sir:

Patentee hereby requests that the above-identified Letters Patent be corrected to include the following information in item (75) on the first page of the patent. Specifically, the name and address of the second inventor, Satoshi Goshima, Tokyo (JP), should be added in item (75).

Patentee also requests that the attached Certificate of Correction be attached to all copies of the Letters Patent.

Copies of a Petition to Correct Inventorship, a Supplemental Declaration/Power Attorney, a Statement Under 37 CFR 1.48(a)(2), a Statement Under 37 CFR 3.73(b), a Recordation Form Cover Sheet and an Assignment, that were filed on April 8, 2004, are enclosed as proof that Mr. Goshima was added as an inventor. Also, an OIPE date-stamped postcard indicating that the documents were received by the U.S. PTO on April 18, 2004 is also enclosed.

Although no fee is believed due as the error occurred at U.S. PTO, authorization is hereby given to charge any fee deficiencies or credit any overpayment to Deposit Account 50-1147.

Respectfully submitted,

A handwritten signature of David G. Posz.

David G. Posz  
Reg. No. 37,701

Posz Law Group, PLC  
11240 South Lakes Drive, Suite 101  
Reston, VA 20191  
(703) 707-9110  
Customer No. 23400

APR 21 2006

(Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**PATENT NO : 6,937,143 *b2*

DATED : August 30, 2005

INVENTOR(S) : OHTAKA

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page

Add second inventor information in Item (75), as -- "Satoshi Goshima, Tokyo (JP)"--

## MAILING ADDRESS OF SENDER:

Posz & Bethards, PLC  
11240 South Lakes Drive  
Suite 101  
Reston, VA 20191  
(703) 707-9110 (phone)  
Customer No. 23400

PATENT NO: 6,937,143

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

APR 21 2006

APR 21 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): OHTAKA et al.	Atty. Docket: 11-196
Serial No.: 10/673,338	Group Art Unit: 2632
Filed: September 30, 2003	Examiner: TBD
Title: PASSENGER DETECTING APPARATUS FOR VEHICLE	

Date: April 8, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop: Petition

**PETITION TO CORRECT INVENTORSHIP UNDER 37 CFR 1.48(a)**

Sir:

This petition is being filed pursuant to 37 C.F.R. §1.48(a) to correct the inventorship of the above-identified application.

In particular, pursuant to 37 C.F.R. 1.48(a)(1), it is submitted that the inventorship originally set forth in the executed declaration signed by claimed inventor Koji Ohtaka dated September 22, 2003 was incomplete, and that the addition of second inventor Satoshi Goshima is necessary in order to accurately reflect the inventorship of the subject matter being claimed.

The error in inventorship occurred without deceptive intent by Mr. Goshima. A Statement Under Rule 1.48(a)(2) executed by Mr. Goshima that evidences his lack of deceptive intent in being initially omitted as a named inventor, as well as a Supplemental Declaration executed by both inventors pursuant to 37 C.F.R. 1.48(a)(3), are included with this Petition.

In addition, pursuant to 37 C.F.R. 1.48(a)(5), a Statement Under 37 CFR 3.73(b), in which DENSO Corporation (the original assignee of all rights in the present application in an original assignment executed by Mr. Ohtaka, a copy of which is attached to the Statement) consents to the addition of Mr. Goshima as an inventor in the above application, is attached.

Pursuant to 37 C.F.R. 1.48(a)(4), the required fee of \$130.00 as set forth in 37 C.F.R. §1.17(i) is enclosed herewith by check. Any further charges may be charged to Deposit Account 50-1147.

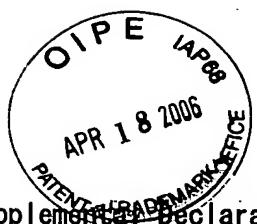
Respectfully submitted,



\_\_\_\_\_  
David G. Posz  
Reg. No. 37,701  
Customer No. 23400

DGP/TMA/yf

Posz & Bethards, PLC  
11250 Roger Bacon Drive  
Suite 10  
Reston, VA 20190  
(703) 707-9110



66296-US  
US 03/110-KS

Posz & Bethards, PLC

Supplementary Declaration and Power of Attorney for Patent Application  
特許出願宣誓書及び委任状  
Japanese Language Declaration  
日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、郵便住所、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して特許請求の範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**PASSENGER DETECTING APPARATUS FOR VEHICLE**

上記発明の明細書（下記の欄で×印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

\_\_\_\_\_ に提出され、米国出願番号または PCT 国際出願番号を \_\_\_\_\_ とし、  
(該当する場合) \_\_\_\_\_ に補正されました。

was filed on September 30, 2003  
as United States Application Number or PCT International Application Number 10/673, 338  
and was amended on \_\_\_\_\_  
(if applicable)..

私は、特許請求範囲を含む上記補正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第 37 編第 1.56 項に規定されるとおり、特許性の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

私は、以下に記載する特許もしくは発明者証の外国出願について米国法典第 35 編 119 条(a)-(d) 項又は 365 条(b) 項に基づく外国優先権を、又は以下に記載する米国以外の国の少なくとも一ヵ国を指定している PCT 国際出願について米国法典第 35 編 365 (a) 項に基づく外国優先権をここに主張するとともに、優先権を主張している本出願の前に出願された特許もしくは発明者証の外国出願又は PCT 国際出願を、枠内をマークすることで以下に示します。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application for which priority is claimed.

**Japanese Language Declaration**  
(日本語宣言書)

DGP

**Prior Foreign Application(s)**

外国での先行出願

1. 2002-289722

JAPAN

02/OCTOBER/2002

**Priority Not Claimed**  
(優先権主張なし)

(Number)	(番号)	(Country)	(国名)	(Day/Month/Year Filed)	(出願年月日)
2.					<input type="checkbox"/>
(Number)	(番号)	(Country)	(国名)	(Day/Month/Year Filed)	(出願年月日)
3.					<input type="checkbox"/>
(Number)	(番号)	(Country)	(国名)	(Day/Month/Year Filed)	(出願年月日)
4.					<input type="checkbox"/>
(Number)	(番号)	(Country)	(国名)	(Day/Month/Year Filed)	(出願年月日)
5.					<input type="checkbox"/>
(Number)	(番号)	(Country)	(国名)	(Day/Month/Year Filed)	(出願年月日)
6.					<input type="checkbox"/>
(Number)	(番号)	(Country)	(国名)	(Day/Month/Year Filed)	(出願年月日)
7.					<input type="checkbox"/>
(Number)	(番号)	(Country)	(国名)	(Day/Month/Year Filed)	(出願年月日)

Additional Foreign Application(s) is(are) listed on the attached sheet which is incorporated herein by reference.

私は、下記の米国仮特許出願について第35編米国法典19条(e)項に基づく権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

私は、下記の米国特許出願について米国法典第35編120条に基づく権利、又は米国を指定している下記のPCT国際出願について米国法典第35編365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1段で規定された方法で先行する米国特許出願又はPCT国際出願に開示されていない限り、その先行出願の出願日以降で当該国内出願又はPCT国際出願の出願日までの期間中に入手された、連邦規則法典第37編1.56項で定義された特許性の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

Application No.  
(出願番号)

Filing Date  
(出願日)

Status : Patented,  
(現況) (特許許可済)、 Pending, Abandoned  
(係属中)、 (放棄済)

**Japanese Language Declaration  
(日本語宣言書)**

私は、私自身の知識に基いて本宣言書中で私が行う表明が真実であり、かつ私の入手した情報と私の信じるところに基く表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基き、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

委任状： 私は下記の発明者として、本出願に関する一切の手続を米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。（弁護士、または代理人の氏名及び登録番号を明記のこと）

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

David G. Posz, Reg. No. 37701, Charles W. Bethards, Reg. No. 36453, R. Louis Breeden, Reg. No. 37286, James E. Barlow, Reg. No. 32377, Brian C. Altmiller, Reg. No. 37,271, Robert L. Scott, Reg. No. 43102, Teresa M. Arroyo, Reg. No. 50015 and all other attorneys and/or agents associated with PTO Customer No. 23400.

**書類送付先 : (Send Correspondence to)**

David G. Posz, Esq., Posz & Bethards, PLC, 11250 Roger Bacon Drive, Suite 10, Reston, VA 20190,  
PTO Customer No. 23400

**直接電話連絡先（名前及び電話番号）: Direct Telephone Calls to (name and telephone number)**

David G. Posz, Esq., (703) 707-9110

<b>唯一または第一発明者 (Full name of sole or first inventor): Koji Ohtaka</b>	
発明者の署名 (Inventor's Signature)	
<i>Koji Ohtaka</i>	
日付 (Date) :	March, 10, 2004
住所 (Residence) :	Chiryu-shi, Aichi-ken, Japan
国籍 (Citizenship) :	Japan
郵便住所 (Post Office Address) :	c/o DENSO CORPORATION 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

**第二共同発明者 (Full name of second joint inventor): Satoshi Goshima**

発明者の署名 (Inventor's Signature)	
<i>Satoshi Goshima</i>	
日付 (Date) :	March, 19, 2004
住所 (Residence) :	Tokyo, Japan
国籍 (Citizenship) :	Japan
郵便住所 (Post Office Address) :	c/o Fuji Jukogyo Kabushiki Kaisha 7-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-8316 Japan

Additional Inventor(s) is (are) listed on the attached sheet which is incorporated herein by reference.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): OHTAKA et al.	Atty. Docket: 11-196
Serial No.: 10/673,338	Group Art Unit: 2632
Filed: September 30, 2003	Examiner: TBD
Title: PASSENGER DETECTING APPARATUS FOR VEHICLE	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

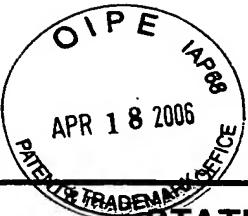
**STATEMENT UNDER 37 CFR 1.48(a)(2)**

Sir:

I, Satoshi Goshima, hereby state that I was originally omitted as a named inventor in the above identified pending U.S. patent application, and that such error in inventorship occurred without deceptive intention on my part.

Date: March 19, 2004

By: Satoshi Goshima  
Satoshi Goshima



66296-LJS  
LJ3-03/10-K5

Based on PTO/SB/96(08-00)

## STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: **DENSO CORPORATION**

Application No./Patent No. **10/673,338** Filed/Issue Date: **September 30, 2003**

Entitled: **PASSENGER DETECTING APPARATUS FOR VEHICLE**

**DENSO CORPORATION**, a **Corporation**  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee, and consents on behalf of the assignee to the addition of Mr. Satoshi Goshima as an inventor in the above-identified pending application.

*March 9, 2004*

Date

**Hirohiko Usui**

Typed or printed name

*Hirohiko Usui*

Signature

**General Manager, Intellectual Property Dept.**

Title

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Attorney Docket No. 11-196

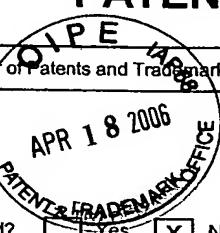
**PATENTS ONLY**

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**(1) Koji OHTAKA**

Additional name(s) of conveying party(ies) attached?



APR 18 2006

2. Name and address of receiving party(ies)

Name: **DENSO CORPORATION**

Street Address: **1-1, Showa-cho  
Kariya-city, Aichi-pref.  
448-8661 JAPAN**

3. Nature of conveyance:

- Assignment       Merger  
 Security Agreement       Change of Name  
 Other \_\_\_\_\_

Execution Date(s): **(1) September 22, 2003**

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

Month Day Year

If this document is being filed together with a new application, the execution date of the application is : **(1) 09 22 03**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **David G. Posz**

Internal Address: \_\_\_\_\_

Street Address: **Posz & Bethards, PLC**

**11250 Roger Bacon Drive, Suite 10**

City: **Reston** State: **VA** Zip: **20190**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41). . . . . \$ **40**

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

**50-1147**

(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**David G. Posz (Reg. No. 37,701)**

Name of Person Signing

Signature

**September 30, 2003**

Date

Total number of pages including cover sheet, attachments, and documents: **2**

Attorney Docket No. \_\_\_\_\_

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

**DENSO CORPORATION**

of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan

as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in the United States of America and all foreign countries, to certain inventions known as

**PASSENGER DETECTING APPARATUS FOR VEHICLE**

described in an application for Letters Patent of the United States executed

(A) x on even date herewith

(B) x on September 22, 2003

(C) \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_

as well as any and all continuations, divisions, and substitutes and reissues of said application for Letters Patent, and all Letters Patent that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, or by any convention which may be henceforth substituted therefor, as may be necessary in connection with said application for said Letters Patent.

The undersigned also authorize(s) Posz & Bethards, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Koji Ohtaka

Inventor 1: Koji Ohtaka

September 22, 2003

Date

Shinichi Hirabayashi

Witness

Inventor 2:

Date

Witness

Inventor 3:

Date

Witness

Inventor 4:

Date

Witness

Inventor 5:

Date

Witness

Continued on page 2 for additional inventors

Applicant: OHTAKA

Title: PASSENGER DETECTING APPARATUS FOR VEHICLE

Serial No.: 10/673,338

Filing Date: September 30, 2003

Atty Dkt.: 11-196

Please acknowledge receipt of the following by date stamping this postcard  
and returning to Posz & Bethards, PLC:

- Transmittal Form (2 sheets);
- Fee transmittal form (2 sheets) including check for \$130;
- Petition to Correct Inventorship;
- Supplemental Declaration;
- Statement under 37 CFR 1.48(a) with copy of original Recordation  
cover sheet Assignment; and
- Statement under 37 CFR 3.73(b).

SUBMISSION DATE: April 8, 2004

